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RMON Commands-3

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Chapter 1   RMON Commands

1.1 rmon history

[Function]

Start the history statistical group function for some port; **no** format command is used to stop the function.

[Command Format]

rmon history ip {*0-"MAX_SW_STR"*} [**shortinterval** *<1-600>*] [**longinterval** *<600-3600>*] [**buckets** *<10-1000>*] [**owner** *STRING*]

no rmon history ip {*0-"MAX_SW_STR"*}

rmon history port-list {*1-"MAX_PORT_STR"*} [**shortinterval** *<1-600>*] [**longinterval** *<600-3600>*] [**buckets** *<10-1000>*] [**owner** *STRING*]

no rmon history port-list *{1-"MAX_PORT_STR"}*

[Parameter]

ip: layer 3 port;

0-14: layer 3 port from 0-14;

port-list: physical port;

1-26: physical port, range is 1-26;

shortinterval: short polling interval time;

1-600: the short polling interval, range is 1-600, unit is second;

longinterval: long polling interval time;

600-3600: long time polling interval, range is 600-3600, unit is second;

buckets: history group data storage queue;

10-1000: the range for history group data storage queue is 10-1000;

owner: owner;

STRING: string of owner.

[Default]

Default short sampling time period is 30s.

Default long sampling time period is 1800s.

Default value for history group data storage queue is 10.

Default owner value is monitorHistory.

[Command Modes]

Global configuration mode

[Explanation of command execution echo]

Owner name is too long!

Set successfully.

Set unsuccessfully

[Example]

Start history statistic group function from IP interface 1 to 9:

Raisecom(config)#**rmon history ip** *1-9* **shortinterval** *60* **buckets** *50* **owner** *raisecom*

Start physical interface 1-5, 10-18 and 25 history statistic group function:

Raisecom(config)#**rmon history port** *1-5,10-18,25* **shortinterval** *60* **longinterval** *500* **buckets** *50* **owner** *test*

[Related commands]

Commands	Description
show rmon history	Show the configuration result and information of history statistical group.

1.2 rmon statistic

[Function]

Start the statistical group function for particular port, **no** format command is used to stop the function.

[Command Format]

rmon statistics ip {0-"MAX_SW_STR"} [**owner** STRING]

no rmon statistics ip {0-"MAX_SW_STR"}

rmon statistics port-list {*1-"MAX_PORT_STR"*} [**owner** *STRING*]

no rmon statistics port-list {*1-"MAX_PORT_STR"*}

[Parameter]

ip: layer 3 port ;

0-14: layer 3 port from 0-14 ;

port-list: physical port ;

1-26: physical port, range is 1-26;

owner: owner;

STRING: string of owner.

[Default]

Owner default value is monitorStatitistics.

[Command Modes]

Global configuration mode

[Explanation of command execution echo]

Owner name is too long !

Set successfully.

Set unsuccessfully

[Example]

Start statistic group function from IP interface 1 to 9:

Raisecom(config)#**rmon statistics ip** *1-9* **owner** *raisecom*

Start physical interface 1-5, 10-18 and 25 history statistic group function:

Raisecom(config)#**rmon statistics port** *1-5,10-18,25* **owner** *test*

[Related commands]

Commands	Description
show rmon statistics	Show configuration result and information of statistical group.

1.3 show rmon statistics

[Function]

Use show rmon statistics of rmon statistics table.

[Command Format]

show rmon statistics ip *<0-"MAX_SW_STR">*

show rmon statistics port *<1-"MAX_PORT_STR">*

[Command Modes]

Privileged EXEC, privileged user

[Executing Command Instruction]

Refer RFC 1757 for detail information of **rmon statistics** table.

[Related commands]

Commands	Description
show rmon history	Show the information of rmon history table.
show rmon events	Show the information of rmon events table.
show rmon alarms	Show the information of rmon alarm table.